STATE OF CALIFORNIA-BUSINESS, TRANSPORTATION AND HOUSING AGENCY GRAY DAVIS, Governor
DEPARTMENT OF TRANSPORTATION
ESC/OE MS #43
1737 30TH. Street 2ND. Floor
SACRAMENTO, CA 945816

December 14, 1999

04-CC,Sol-80-22.0/22.7,0.0/1.8
04-013014

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in CONTRA COSTA AND SOLANO COUNTIES AT CROCKETT AND IN VALLEJO ON ROUTE 80 FROM 1.1 km SOUTH OF U.P.R.R. OVERCROSSING TO 0.4 km NORTH OF ROUTE 80/29 SEPARATION.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on January 11, 2000.

This addendum is being issued to revise the Notice to Contractors and Special Provisions and the Proposal and Contract.

In the Special Provisions, Section 5-1.14, "Areas for Contractor's Use," the fourth paragraph is revised as follows:

"No area is available within the contract limits for the exclusive use of the Contractor. However, temporary storage of equipment and materials on State property may be arranged with the Engineer, subject to the demands of State maintenance forces and to the demands of other construction contracts working in the area. Use of the Contractor's work areas and other State-owned property shall be at the Contractor's own risk, and the State shall not be held liable for any damage to or loss of materials or equipment located within such areas."

In the Special Provisions, Section 5-1.14, "Areas for Contractor's Use," the seventh paragraph is deleted.

In the Special Provisions, Section 5-1.20, "Permits and Licenses," second paragraph, the second permit is revised as follows:

"BCDC Permit No. 18-98"

In the Special Provisions, Section 5-1.30, , "Relations with California Environmental Protection Agency, Department of Toxic Substances Control," the sixth paragraph is revised as follows:

"The Contractor shall not perform any excavation work at locations containing material classified as contaminated or hazardous until the Engineer provides written approval of the final Soil Management Plan and Transportation Plan and the final Health, Safety and Work Plan."

In the Special Provisions, Section 5-1.44, "Contaminated and Hazardous Material, General", third paragraph, the following subparagraph is added after the third subparagraph:

"Stockpile locations within areas obtained as construction easements from C&H Sugar Company shall be removed within 48 hours of initiating the placement of material at the stockpile location."

In the Special Provisions, Section 10-1.02, ,"Water Pollution Control", subsection "Storm Water Pollution Prevention Plan Preparation, Approval and Amendments", seventeenth paragraph, Item No. 5 is deleted.

In the Proposal and Contract, the "New Carquinez Bridge, Proposed Questions for Pre-Award Qualifications Hearing", is revised as attached.

The Foundation Geotechnical Report referred to in the third paragraph of Section 10-1.45 “Piling” of the Special Provisions has been updated. The updated Foundation Report, Volumes 1, 2 and 3, dated August 1999 is available for the Contractor's inspection at the Department of Transportation, Duty Senior's Desk, 111 Grand Avenue, Oakland, California, email duty_senior_tollbridge_district04@dot.ca.gov and telephone no. (510) 286-5549.

Data and observation logs from the Carquinez Bridge Pile Load Test performed in November 1999 are enclosed and also available for inspection at the Department of Transportation, Duty Senior's Desk, 111 Grand Avenue, Oakland, California, email duty_senior_tollbridge_district04@dot.ca.gov and telephone no. (510) 286-5549.

As-Built and Pile Driving Logs for the Carquinez Bridge Trestle Pile are available for inspection at the Department of Transportation, Duty Senior's Desk, 111 Grand Avenue, Oakland, California, email duty_senior_tollbridge_district04@dot.ca.gov and telephone no. (510) 286-5549.

To Proposal and Contract book holders:

- INDICATE RECEIPT OF THIS ADDENDUM BY FILLING IN THE NUMBER OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE SIGNATURE PAGE OF THE PROPOSAL.
- Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.
- Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief
Office of Plans, Specifications & Estimates
Division of Office Engineer

Attachments

BRIDGE SEISMIC RETROFIT INFORMATION/QUESTIONNAIRE

- DO NOT DETACH-
THIS INFORMATION SHALL BE
INCLUDED WITH YOUR BID PROPOSAL

In compliance with Governor's Executive Order D-8-99

I. Organization/Experience

1) Provide a functional and staff personnel organizational chart for the project.

2) Provide resumes for the bidders on site management staff, including engineers, craft supervisors, and administrators.

3) Provide resumes of construction engineers and/or third party engineers or firms responsible for:

   A. Excavation, trenching and shoring or ground support
   B. Tower Foundations
   C. Tower erection
   D. Main cable erection
   E. Superstructure erection

4) Provide a summary of the bidder's experience, and the experience of the bidder's subcontractors, material suppliers, and construction engineers, in construction of suspension bridges. Provide a list of specific projects and names and telephone numbers of contacts for the clients for each of the projects cited. Provide documentation such as copies of the general plan of each cited project and/or shop drawings and/or plan sheets of salient features of the cited projects that are similar to the Carquinez Bridge, Including the following:

5)
   A. Cast-in-place towers
   B. Cable supply and spinning
   C. Fabrication and erection of steel orthotropic box girders
   D. Placement of steel deck roadway overlay

6) Provide a summary of the bidder's experience in construction of major bridge foundations in navigable waterways with oceangoing traffic lanes, in areas under the jurisdiction of the United States Coast Guard and subject to tides and strong currents high winds and fog.

7) Provide a summary of the bidder's experience in marine construction wherein environmental restrictions, permits, railroads, utilities, property owners, adjacent construction projects and/or other third parties imposed difficult restrictions and/or required difficult coordination.

8) Summarize the bidder's or subcontractor's experience in construction of large diameter, deep, C.I.D.H. piles, similar in design and in situ materials, to those indicated for this project.

9) Summarize the bidder's experience with excavation, handling, and disposal of contaminated and/or hazardous materials and the agencies regulating such activities in California.

II. Access and Logistics

1) Explain the bidders approach to personnel and material handling across and adjacent to the railroad tracks.

2) What are the bidder's plans for access to the work at Tower 2 and utilization of the existing access trestle foundations?

3) What are the bidders plans for access to the work at Tower 3?

4) What will be the source and delivery method of Portland Cement Concrete?

5) What are the bidder's anticipated daily work hours, number of shifts, and number of workdays per week for the following principle items of work?

   A. Tower foundations
   B. Tower erection
   C. Cables
   D. Box girder erection

6) What areas or facilities does the contractor anticipate using for assembly, storage and/or staging of materials?

7) What areas does the bidder anticipate using for staging of personnel and for employee parking?

III. South Anchorage

1) Summarize the bidder's planned sequence of construction and potential problems anticipated.

2) How will excavated material be removed?

3) What method of shoring will be used?

4) What equipment will be used for pile placing?

5) What methods or modifications to piles are anticipated if difficult driving are encountered?

6) Describe the method of constructing the strand shoes and anchor frames and how these components will be secured and maintained in the proper geometry prior to being cast in place.

7) Does the bidder plan to complete all work at the south anchorage prior to the construction of falsework for span 6 of the approach by the adjacent contract?

IV. Tower Foundations

1) What methods will be used to construct, transport, and secure the footing forms and struts?

2) What methods and equipment will be used to place the steel casing? How will rubble and debris of the type indicated in the special provisions be dealt with if encountered?

3) What methods and equipment will be used to construct the rock socket? including:
   A. Drilling equipment.
   B. Slurry handling system
   C. Hoisting equipment
   D. Concrete tremie system
   E. Placing the reinforcing cage, method, number and location of splices, method for securing the inspection tubes and keeping them open during steel and concrete placement

4) What methods will be used to place the steel casing to the required tip should rubble or wood debris of the nature indicated in the special provisions be encountered while placing the casing?

5) What methods of repair are anticipated for piles which do not pass acceptance testing?

6) How many such repairs are anticipated during the project?

V. Towers

1) What is the bidder's overall sequence of construction?

2) What methods will be employed for placing and securing rebar and pouring concrete?

3) What type of hoisting equipment will be used?

4) What type of formwork and falsework will be used?

5) What forming method will be used for the fender system at Tower 3?

VI. North Side

1) What is the bidder's sequence of construction for the North Anchorage and Abutment and the retaining walls in this vicinity and what items are concurrent?

2) What type of form liner will be used for the architectural treatment of the retaining walls?

3) What type of shoring and dewatering is anticipated for excavations?

VII. Cables

1) Summarize the construction sequence of the cable system, detailing the methods, materials, personnel, and equipment to be used and the anticipated schedule.

2) What cable erecting equipment will be used and what is the source and availability of the cable erecting equipment?

3) What is the source of the materials for cable system, (wire, Suspenders, castings, miscellaneous hardware)?

4) What is the configuration of the storm cabling and has it been verified to comply with United States Coast Guard regulations and maintain the integrity of the navigation channels?

VIII. Superstructure

1) Summarize the construction sequence of the girder erection, detailing the methods, materials, personnel, and equipment to be used and the anticipated schedule.

2) What is the source of structural steel plate for the orthotropic box girder sections?

3) What is the location of fabrication and assembly facilities?

4) What is the schedule for fabrication and assembly at each of the above named facilities?

5) What means of shipping will be used?

6) How will the steel box girder sections be handled and erected at the jobsite**?**

IX. Schedule

1) Provide the bidder's anticipated construction schedule in bar chart format. The schedule shall clearly illustrate the sequence and duration of major items of work in sufficient detail to demonstrate the bidder's knowledge of the work.

2) What submittals of plans, working drawings, or other required information are anticipated in the first 90 days of the project? What is the anticipated schedule for providing these submittals and who will be responsible for them?